		3 days	DURATION:
		10,000 bbl/20,000 bbl	VOLUME:
122-15.5	LONGITUDE: 122-15.5	Facility	HAZARD:
		Unocal Helinery Wickland Oil (Crockett) Pacific Refinery (Rodeo)	
38-03.0	LATITUDE:	Union Oil Docks:	SITE

TRAJECTORY ANALYSIS

Suisun Bay or San Pablo Bay. The 20,000 bbl spill would spread approximately 1/2 mile would cause the 10,000 bbl spill to spread laterally approximately 3 miles across either westward into San Pablo Bay to approximately Point San Pablo. Physical spreading into Suisun Bay. A spill during the ebb tide would be expected to transport the oil flow, and spreading by physical processes such as gravity, surface tension, and tidal farther into the bays. dispersion. near the strait. The analysis considered oil transport by the wind, tidal currents, and river Carquinez Strait in East San Pablo Bay. Each facility is located on the southern shore A spill trajectory envelope was calculated for facilities located immediately west of Spill transport on the flood tide would move the oil through Carquinez Strait

direction, strength, and persistence of local winds. Northerly winds could transport the spread westward to the Golden Gate area. Westerly and southwesterly winds could oil into South San Francisco Bay as far as Hunter Point. Oil transported south could Wind-induced surface currents could cause additional transport of oil depending on the transport the oil across Suisun Bay to the mouths of the San Joaquin and Sacramento Transport up these rivers would be limited by seasonal river flow.

envelopes do not represent the trajectory of any one spill. A full discussion of the details used for and wind and assume pessimistic dispersion and other adverse weather conditions. These trajectory oil in the event of any spill. The envelopes are based on regional extremes of climate, tide, preparing these spill envelopes is provided in Section 202.2. These spill trajectory envelopes represent the outer perimeter of shoreside areas that could receive

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8297C - Appendix B3 5/21/04